



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: the Application of:

GEORGE RICHARD CHAPMAN, JR.  
STEVEN RICHARD ORIANI

CASE NO: DW0054 USDIV1

APPLICATION NO.: 10/602,267

GROUP ART UNIT: 1711

FILED: JUNE 23, 2003

EXAMINER: ANA L. WOODWARD

FOR: PROCESS AID FOR MELT PROCESSABLE  
POLYMERS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A. Copies of the references are not included as the references were previously submitted in an Information Disclosure Statement dated December 13, 2001, and two (2) Supplemental Information Disclosure Statements dated April 23, 2002 and November 5, 2002 for the parent application Serial No. 09/953,638.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

GEORGE E. KIRVAN, JR.  
Patent Agent for Applicants  
Registration No. 36,187  
Telephone: 302-792-4268  
Facsimile: 302-792-4270

Dated: September 23, 2003



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/953,638
				Filing Date	September 17, 2001
				First Named Inventor	George Richard Chapman, Jr.
				Group Art Unit	1732
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	DW0054 USNA

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)				
		US -	3125547	03/17/1964	BLATZ	
		US -	4855360	08/08/1989	DUCHESNE, ET AL.	
		US -	5010130	04/23/1991	CHAPMAN, JR., ET AL.	
		US -	5015693	05/14/1991	DUCHESNE, ET AL.	
		US -	5081188	01/14/1992	KIM	
		US -	5587429	12/24/1996	PRIESTER	
		US -	5707569	01/13/1998	PRIESTER, ET AL.	
		US -	6048939	04/11/2000	PRIESTER	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		CountryCode <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		CA	2264463		09/05/2000	CHISHOLM		<input type="checkbox"/>
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Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

## Complete if Known

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First Named Inventor	George Richard Chapman, Jr.
Group Art Unit	1732
Examiner Name	Unknown
Attorney Docket Number	DW0054 USNA

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Dynamar™ Polymer Processing Additives Direct Addition During Resin Manufacture, Dyneon 2000, December 2000, 98-0504-1088-9	<input type="checkbox"/>
		Dynamar™ Polymer Processing Additive Optical Microscopy Method for Dispersion Analysis in Polyolefins, Dyneon 1997, Pages 1-4, 98-0504-0270-4	<input type="checkbox"/>
		R. J. ATHEY, R. C. THAMM, R. D. SOUFFIE, AND G. R. CHAPMAN, Viton® Free Flow - The Processing Behavior of Polyolefins Containing a Fluoroelastomer Additive*, DuPont Dow Elastomers Technical Information, May, 1992, Pages 1-7, H-284351	<input type="checkbox"/>
		Viton® Free Flow - Masterbatch, DuPont Dow Elastomers Technical Information, May, 1992, H-28357-1	<input type="checkbox"/>
		G. R. CHAPMAN, D. E. PRIESTER, AND R. D. SOUFFIE, Viton® Free Flow - Advances in the Use of Fluoroelastomers as Process Aids for Polyolefins*, DuPont Dow Elastomers Technical Information, May 1992, Pages 1-5, H-28437-1	<input type="checkbox"/>
		Viton® Free Flow - Mechanism, DuPont Dow Elastomers Technical Information, May 1991, H-28355	<input type="checkbox"/>
		D. E. PRIESTER, DR. K. M. STIKA, G. R. CHAPMAN, R. S. MC MINN AND DR. P. FERRANDEZ, Quality Control Techniques for Processing Additives, Antec /93, Pages 2528-2533.	<input type="checkbox"/>
		R. J. ATHEY, R. C. THAMM, R. D. SOUFFIE, AND G. R. CHAPMAN, The Processing Behavior of Polyolefins Containing a Fluoroelastomer Additive, Antec '86, Pages 1149-1153	<input type="checkbox"/>
		TONE® Polymers P-767 and P-787 High Molecular Weight Caprolactone Polymers, 1999 Union Carbide, July 1999, UC-2032, Pages 1-16	<input type="checkbox"/>
		Derwent Abstract - German Patent Application DE 19549389, published July 17, 1997	<input type="checkbox"/>
		Derwent Abstract - Japanese Patent Application Kokai 7290550, published November 7, 1995	<input type="checkbox"/>

Examiner  
Signature

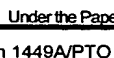
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P10/SB/08A (10-01)  
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Sheet	1	of	1
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**Complete if Known**

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Attorney Docket Number	DW0054 USNA

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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		CountryCode <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		WO	9945065		09-10-1999	Dyneon LLC		<input type="checkbox"/>
		WO	0142363 A1		06-14-2001	The B.F. Goodrich Company		<input type="checkbox"/>
		GB	1597179		09-03-1981	Shell Internationale Research Maatschappij B.V.		<input type="checkbox"/>
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Signature**

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10/602,267

DW0054 US DIV 1

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